

Marshall Team Meeting
October 3, 2005

DA01/C. Chitwood – The Expedition 12 crew (Commander William McArthur and Flight Engineer Valery Tokarev) has successfully docked with the International Space Station (ISS), and all is going well. The Soyuz launched from Baikonur Cosmodrome on September 30, 2005.

The official Exploration Systems Architecture Study (ESAS) rollout was on September 23, 2005, and Marshall Space Flight Center (MSFC) will play a significant role in NASA's future. The Center was selected to manage the Crew Launch Vehicle (CLV) and Heavy Lift Launch Vehicle (HLLV).

The Robotic Lunar Exploration Program (RLEP) announcement was made last Thursday, September 29. Marshall and Goddard Space Flight Center will lead a team in the development of a lunar lander spacecraft as part of the RLEP Program. This is a huge win for Marshall. The robotic lunar lander will demonstrate the ability to land with precision at a targeted location on the Moon, evaluate the environment, and determine if lunar resources can support a sustained human presence. Out of the five proposed mission concepts, Marshall's was the best solution for answering the objectives of the mission. The Center will be responsible for overall project management, development of the lander's engine, and evaluation of the potential to launch the lander on a test flight of the new CLV. This project will begin immediately with initial design studies and trade-off analyses. Depending on the results of those studies, we will establish definitive requirements and design concepts. The detailed schedule and cost estimates will depend on the selected concept(s). However, we expect a total mission cost of \$400M to \$750M. We expect a great deal of the work can and will be done in-house. NASA has strong expertise in the development and operation of a wide variety of space systems. In-house work also helps us to retain the highly-skilled workforce that will be critical to support the long-term vision for space exploration. The RLEP 2 is tentatively planned for launch as early as 2010. A team from Marshall and Glenn Research Center will brief Brian Anderson at Johnson Space Center (JSC) tomorrow, October 4.

CSI/C. Hall – Presented a presentation on a lost-time incident relating to an insect bite that occurred at the Michoud Assembly Facility (MAF) and resulted in five days work loss time. The individual has made a complete recovery and is back on the job. Charts used in this briefing are posted at Inside Marshall.

QD50/D. Davis – Presented Marshall's monthly industrial safety report. The topics covered included safety metrics, seatbelt survey results, and Performance Evaluation Profile survey results. Charts used in this briefing are posted at Inside Marshall.

EV11/E. Kiessling – Reminded everyone that Safety Day 2005 is scheduled for October 27. Our theme is "Safety – A Cornerstone of Mission Success." Details of the event are being finalized and will be provided soon.

HEI/J. Livingston – Presented a presentation on Apollo Safety. Charts used in this briefing are posted at Inside Marshall.

CS10/S. Durham – Provided an update on upcoming events:

The Combined Federal Campaign (CFC) runs from October 3 through November 12, 2005. The CFC bus tours continue through October 5. Community Service Day information is posted under the CFC link on Inside Marshall.

Today, October 3, the Center will hold a breast cancer awareness event including a pink ribbon walk. Exhibitors will be in the 4200 lobby, and a program will begin at 1 p.m. in Morris Auditorium. Immediately following the program, the pink ribbon walk will commence at the front entrance of building 4200.

October 5 – The Marshall Association Luncheon will be held at the Redstone Officers and Civilians Club at 11:30am. Jan Davis is the guest speaker. Tickets are \$8.00 and payable at the door. The Center POC is Tom Fleming.

Hispanic Heritage Month continues until October 15, 2005. The Hispanic Youth Conference is scheduled for October 14 - 15. Contact the Equal Opportunity Office for additional information.

October is also designated as National Disability Awareness Month. On October 20, the Team Redstone Disability Awareness Month Luncheon will be held at the Redstone Officers' and Civilians' Club at 11 a.m. Dr. Roy Grizzard, Assistant Secretary in the Office of Disability Employment Policy for the Department of Labor, will be the speaker. This year's theme is "Workers with Disabilities: Ready for Tomorrow's Jobs Today." For additional information/tickets, contact Marshall's Equal Opportunity Office.

PS01/S. Beale – The Center in-sourcing teams are meeting today, October 3.

NP01/J. Horack – Marshall has been awarded the RLEP management role. We are currently working with GSFC to understand specific roles for Marshall and Goddard Space Flight Center (GSFC).

Also, a Marshall team will be traveling to JSC with working partners from Glenn Research Center (GRC) to discuss the Service Module.

DE01/R. Henderson – Reminded everyone that we are currently in the midst of our Center alignment activities. All the teams have kicked off, and we are proceeding towards a completion date of November 1, 2005.